

## CLAIMS:

1. A system (100) for displaying information on a display device (104), comprising:

- receiving means (202) for receiving a transport stream comprising services, with the services having elementary streams of video and of data-elements;

5 - user interface means (220) for making a user selection of a type of information to be displayed on the display device (104);

- a filter (206) for selecting a first data-element of a first one of the services on basis of the user selection;

10 - rendering means (208) for calculating an output image to be displayed on the display device (104), on basis of the first data-element selected by the filter (206); and

- switching means (204) for switching from the first one of the services to a second one of the services, characterized in that the system (100) is designed to apply the filter (206) for selecting a second data-element of the second one of the services, on basis of the user selection, when being switched from the first one of the services to the second one of the services, with the first data-element and the second data-element being mutually semantically related and to apply the rendering means (208) for calculating the output image to be displayed on the display device (104), on basis of the second data-element selected by the filter (206).

20 2. A system (100) as claimed in Claim 1, characterized in that the system (100) is designed to apply the filter (206) for selecting the second data-element, when being switched from the first one of the services to the second one of the services, with the data-element and the second data-element being mutually semantically equal.

25 3. A system (100) as claimed in Claim 1, characterized in comprising a converter for controlling the filter (206) to select the second data-element on basis of the user selection and a third data-element of the second one of the services.

4. A system (100) as claimed in Claim 1, characterized in that the rendering means (208) are arranged to calculate a mixed output image to be displayed on the display device (104), on basis of the selected data-element and a first image of a first elementary stream of video.

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5. A system (100) as claimed in Claim 1, characterized in comprising storage means for storage of a parameter which determines the filter (206).

6. A system (100) as claimed in Claim 1, characterized in being arranged to run an application, which enables in making the user selection and of which software code is being exchanged by means of a first elementary stream of data-elements.

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7. A system (100) as claimed in Claim 1, characterized in comprising the display device (104).

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8. A method of displaying information on a display device (104) , comprising the steps of:

- receiving a transport stream comprising services, with the services having elementary streams of video and of data-elements;

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- user actions of making a user selection of a type of information to be displayed on the display device (104);

- filtering to select a data-element of a first one of the services on basis of the user selection;

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- rendering to calculate an output image to be displayed on the display device (104), on basis of the first data-element selected by the filter (206); and

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- switching from the first one of the services to a second one of the services, characterized in comprising a second step of filtering to select a second data-element of the second one of the services, on basis of the user selection, when being switched from the first one of the services to the second one of the services, with the data-element and the second data-element being mutually semantically related and a second step of rendering to calculate the output image to be displayed on the display device (104), on basis of the second data-element selected by the filter (206).